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
PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	10/713,094
		Filing Date	11/17/2003
		First Named Inventor	Kia Silverbrook
		Art Unit	2853
		Examiner Name	AN DO
Sheet 1 of 8	Attorney Docket Number	ZG004US	

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)					
[Signature]		EP	0 713 774	05.29.1996	Sharp Kabushiki Kaisha		
		DE	195 16 997	11.16.1995	Sharp K.K		
		DE	196 23 620	12.19.1996	Sharp K.K		
		JP	2-108544 (Abstract)	04.20.1990	Seiko Epson Corp		
		JP	2-92643 (Abstract)	04.03.1990	Seiko Epson Corp		
		JP	4-353458 (Abstract)	12.08.1992	Brother Ind Ltd		
		JP	6-91865 (Abstract)	04.05.1994	Seikosha Co Ltd		
		JP	6-91866 (Abstract)	04.05.1994	Seikosha Co Ltd		
		JP	2-265752 (Abstract)	10.30.1990	Matsushita Electronic Ind Co Ltd		
		EP	0 634 273	01-18-1995	- Sharo Kabushiki Kaisha		

Examiner Signature	[Signature]	Date Considered	11/22/05
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
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		Country Code 3 - Number 4 - Kind Code 5 (if known)			
		DE 195 32 913	03.28.1996	Sharp K.K	
		JP 58 112747 (Abstract)	07.05.1983	Fujitsu KK	
		DE 43 28 433	03.02.1995	Heidleberger Druckmaschinen AG	
		JP 61 025849 (Abstract)	02.04.1986	Canon Inc	
		JP 01 128839 (Abstract)	05.22.1989	Ricoh Co Ltd	
		JP 04 126255 (Abstract)	04.27.1992	Seiko Epson Corp	
		GB 2 262 152	06.09.1993	Willet Int.Ltd	
		DE 195.16.997	11.16.1995	Sharp K.K	
		JP 05.318724 (Abstract	12.03.1993	Seikosha Co.Ltd	

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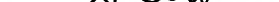
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				First Named Inventor	Kia Silverbrook
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Sheet	3	of	8	Attorney Docket Number	ZG004US

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
JP ↓ JP	2	JP 02 162049 (Abstract)	06.21.1990	Seiko Epson Corp		2
		DE 32 45 283	06.07.1984	Siemens AG		
		JP 04 368851 (Abstract)	12.21.1992	Seiko Epson Corp		
		JP 02 158348 (Abstract)	06.18.1990	Minolta Camera Co. Ltd		
		JP 03.112662 (Abstract)	05.14.1991	Seiko Epson Corp		
		JP 03.653348 (Abstract)	03.20.1991	Matsushita Electric Ind. Co		
		EP 0 431 338	06.12.1991	Matsushita Electric Ind. Co		
		JP 01.257058	10.13.1989	Seiko Epson Corp		
		DE 195-17-969	11.30.1995	Sharp K.K.		

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






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    	    	DE 196 39 717	04.17.1997	Sharp K.K.		    
		EP 0 737 580	10.16.1996	Canon K.K.		
		EP 0 882 590	12.09.1998	Canon K.K.		
		EP 0 478 956	04.08.1992	Kernforschungsz. Karlsruhe GMBH		
		DE 1 648 322	03.24.1971	VDO Tachometerwerke GMBH		
		GB 1 428 239	03.17.1976	Cibie Projecteurs		
		DE 39 34 280	04.26.1990	CAE di Cipelletti, Alberto		
		DE 29 05 063	08.14.1980	Olympia-Werke AG		
		WO 94 180 10	08.18.1994	Domino-Printing Sciences PLC		

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		First Named Inventor	Kia Silverbrook
		Art Unit	2853
		Examiner Name	AN DO
		Attorney Docket Number	ZG004US
Sheet	5	of	8

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	2	EP 0 398 031	11.22.1990	Seiko Epson Corp		
	2	EP 0 427 291	05.15.1991	Seiko Epson Corp		
	2	JP 01 115639 (Abstract)	05:08:1989	Ricoh Co Ltd		
	2	JP 58 116165 (Abstract)	07:11:1983	Canon K.K		
	2	EP 0 627 314	12:07:1994	Olivetti Canon Ind SPA		
	2	JP 61 268453 (Abstract)	11:27:1986	Olympus Optical Co Ltd		
	2	JP 04 118241 (Abstract)	04.20.1992	Seiko Epson Corp		
	2	EP 0 506 232	09.30.1992	Videojet Systems Int, Inc		
	2	JP 07 314665 (Abstract)	12.05.1995	Canon Inc		
	2	JP 03 180350	08.06.1991	Seiko Epson Corp		

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		EP 0 510 648	10.28.1992	Ivri Yehuda	
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		JP 04 141429 (Abstract)	05.14.1992	Seiko Epson Corp.	
		JP 01 105746 (Abstract)	04.24.1989	Ricoh Co., Ltd	
		GB 792 145	03.19.1958	Technograph Printed Circuits Ltd	
10	7	EP 0 750 993	01.02.1997	Canon K.K.	

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



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		EP 899684 *	03.03.1999	Seiko.Epson.Corp		
		EP 540338 *	01.28.1998	Canon.Kabushiki.Kaisha		
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/7/3094
		Filing Date	11/17/2003
		First Named Inventor	Kia Silverbrook
		Group Art Unit	2853
		Examiner Name	AW 20
Sheet 8 of 8	Attorney Docket Number	ZG004US	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		NOWOROLSKI, J. MARK et al, "Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators". Sensors and Actuators, A, CH, Elsevier-Sequoia-S-A, Lausanne, Vol-55, no-1, 15-July-1996, pp-65-69, XP004077979 ISSN: 0924-4247.	2
		ATAKA, MANABU et al, "Fabrication and Operation of Polymide-Bimorph Actuators for Ciliary Motion System". Journal of Microelectromechanical Systems, US, IEEE Inc. New York, Vol. 2, no. 4, 1 December 1993, pp 146-150, XP000443412, ISSN: 1057-7157.	
		YAMAGATA, YUTAKA et al, "A Micro Mobile Mechanism Using Thermal Expansion and its Theoretical Analysis". Proceeding of the workshop on micro electro mechanical systems (MEMS), US, New York, IEEE, Vol. Workshop 7, 25 January-1994, pp-142-147, XP000528408, ISBN: 0-7803-1834-X.	
		Derwent Abstract Accession No. 2001-020348/03, Class P75; T01, JP 2000-293335-A (SEIKO EPSON CORPORATION) 20-October-2000.*	
		Derwent Abstract Accession No. 98-081618/08, Class W02, JP 09-314915 A (CANON KABUSHIKI KAISHA) 9-December-1997.*	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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